



SEQUENCE LISTING

<110> KAKEFUDA, GENICHI
KOOP, HANS-ULRICH
STURNER, STEPHEN
ZHEN, RUI-GUANG

<120> CYANOBACTERIAL NUCLEIC ACID FRAGMENTS ENCODING PROTEINS
USEFUL FOR CONTROLLING PLANT TRAITS VIA NUCLEAR OR
PLASTOME TRANSFORMATION

<130> BASF 100,100 PRV

<140> 09/893,033

<141> 2001-06-27

<150> 60/214,705

<151> 2000-06-27

<160> 19

<170> PatentIn Ver. 2.1

<210> 1

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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33

<210> 2

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 2

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33

<210> 3

<211> 1735

<212> DNA

<213> Synechocystis sp.

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atgcgggctt taccgccgct gtcttggaaac gtagggatgt attaggcggg aagatcgccg 240
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<212> DNA

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<223> Description of Artificial Sequence: Primer

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<222> (3)

<223> a, g, c or t

<220>

<221> modified_base

<222> (6)

<223> a, g, c or t

<220>

<221> modified_base

<222> (12)

<223> a, g, c or t

<400> 4

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<210> 5

<211> 18

<212> DNA

<213> Artificial Sequence

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 <223> Description of Artificial Sequence: Primer

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 <222> (10)
 <223> a, g, c or t

<220>
 <221> modified_base
 <222> (13)
 <223> a, g, c or t

<400> 5
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18

<210> 6
 <211> 1959
 <212> DNA
 <213> Synechocystis sp.

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 <222> (1843)
 <223> a, t, c, g, other or unknown

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<210> 7
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

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<210> 8
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Primer

<400> 8
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<210> 9
 <211> 22
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Primer

<400> 9
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<210> 10
 <211> 22
 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Primer

<400> 10
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<210> 11
 <211> 22
 <212> DNA
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<220>

<223> Description of Artificial Sequence: Primer

<400> 11

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<210> 12

<211> 22

<212> DNA

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23

<210> 14

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 15

<211> 22

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 16

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 16

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<210> 17

<211> 565

<212> DNA

<213> *Synechocystis* sp.

<400> 17

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gaattgatgc tgggtgaagg gagcgccaat gccctaacc gagcggaagt gattgagcta 360
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

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<210> 19

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 19

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30